

REMARKS

Claims 1-25 are all the claims pending in the application. Claims 1, 3 and 15 have been amended. Claims 7, 24 and 25 have been cancelled.

Restriction Requirement

The Examiner requests that Applicant select one of the following groups for prosecution on the merits:

Group I - Claims 1-6 and 8-14 and drawn to a method and system for a gateway between a first network and second network, classified in class 370, subclass 401.

Group II - Claims 15-23 and 25, drawn to a method and system for performing operations based on a particular signal quality measurement, classified in class 370, subclass 332.

Group III - Claims 7 and 24, drawn to a method and system for a communication between satellite and terrestrial networks, classified in class 455, subclass 12.1.

Applicants respectfully submit that the Examiner's division of claims into separate groups is in error as all three groups are concerned with a method and system for a gateway, serving as an interface between a satellite network and a terrestrial network, to monitor channel performance on the basis of signal quality and to take steps to apply algorithms to improve the quality. Claims in each group clearly relate to a satellite/terrestrial network. Specifically, claims in Group 1 expressly include reference to one or more beams, which may form a service link, beam/graphical locations, diurnal variation in accordance with traffic, spectral analysis, and the like. Claims in Group II have similar limitations and the claims in Group III are directed to satellite/terrestrial transmissions by the Examiner's own admission.

In order to provide a common focus to the claimed invention, Applicants have amended claims 1 and 15 to specifically recite that they are directed to an interface for a satellite network and a terrestrial network, and have cancelled redundant claim coverage. Thus, both the system

Response to Restriction Requirement & Preliminary Amendment
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claim set (claims 1-6 and 8-14) and method claim set (claims 15-23) are now particularly directed to a method and system for a gateway serving as an interface for satellite/terrestrial networks and having operations based upon particular signal quality measurements.

In view of the above, examination of all of claims 1-6 and 8-23 is earnestly requested and a favorable consideration and allowance of this application is now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

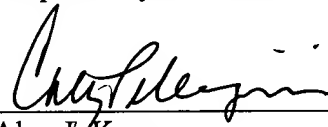
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